Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 27 Dec 2023 until 23:59 on Thursday 28 Dec 2023

Forecast Issued on Wednesday 27 Dec 2023 at 03:09

Confidence: High confidence for unsettled conditions, lower confidence for detail towards the end of the week.

Headline for Wednesday 27 Dec 2023: Very wet and windy on Wednesday, improving into the evening.

Mountain weather hazards on Wednesday 27 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
High Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Heavy Rain	Heavy Rain	Heavy Rain	Partly cloudy (night)	Heavy rain showers (night)
Precipitation probability					
80%	80%	70%	40%	30%	60%

Forecast for Wednesday 27 Dec 2023

Weather: Heavy rain, falling as sleet and snow initially on hill tops, will be accompanied by very strong winds. This will persist until mid to late afternoon before clearing to the northeast. Drier with clear spells for a time before heavy rain and hail showers push in from the west late evening.

Chance of cloud-free hill tops above 800m: 30%, improving to 80% for a time late afternoon/evening.

Low cloud and visibility: Scattered or broken cloud base 500-700m, clearing late afternoon, further cloud base 500-700m later in association with showers. Visibility moderate or poor in heavy rain, sleet or snow, good in drier interludes later.

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Mountain Weather Forecast

Ground Conditions Supplement

Forecast for Wednesday 27 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	59/69 SE	61/72 SE	59/72 S	44/56 SW	44/56 SW	48/61 SW	55/70 SW
600	45/57 SE	45/59 SE	44/60 S	36/49 SW	36/49 SW	38/54 SW	43/60 SW
300	19/51 SE	15/49 SE	16/47 S	14/39 SW	14/38 SW	16/42 SW	18/48 SW
Valley	18/47 SE	13/43 SE	17/46 S	15/36 SW	14/35 SW	16/38 SW	19/46 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-10	4/-5	5/-2	4/-3	1/-8	1/-8	0/-10
600	1/-8	3/-5	7/1	6/-0	3/-4	3/-4	2/-6
300	3/-2	6/2	9/5	8/4	6/2	5/1	5/0
Valley	5/0	7/3	10/8	9/6	8/5	8/4	7/3
Freezing Level*	1500m	2200m	2100m	1600m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very strong winds and heavy rain will cause hazardous conditions for much of the day.

Forecast for Thursday 28 Dec 2023

Weather: Scattered heavy showers are expected throughout the day on Thursday accompanied by strong winds. Some sleet or snow on hill tops during the early hours, best chance of drier conditions through the latter part of the night.

Maximum wind: Southwesterly 20-30 mph gusting 35-45 mph

Chance of cloud-free hill tops above 800m: 40%

Low cloud and visibility: Scattered low cloud base 600-800m, lowering to 500m at times during the morning. Visibility moderate or poor in showers or hill fog, otherwise good.

Temperature: **Valleys:** Plus 7 to 9 Celsius
At 800m: Zero to plus 1 Celsius
Freezing level: 800m at first, rising 1000-1200m

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Mountain Weather Forecast

Date: Tuesday 26 December 2023. Location: Blencathra summit at 11:00 Full report: There is currently no significant snow & ice or winter hazards on the Lake District fells. A colder night across the National Park gave a slight frost and some terrain was frozen. Areas of rime ice and pipkrake crystals were found above 800m. There was plenty of sunshine but a few slow moving showers were falling as light snow above 600m giving a cosmetic covering. However this is all forecast to dramatically change tonight with heavy snow, turning to rain during the day and gale force winds giving extremely challenging conditions even at moderate altitudes. Gusts of 70mph are easily enough to blow a walker over. Please be conservative with your plans, let someone know where you are going and go properly equipped with plenty of warm and waterproof clothing, hats and gloves, appropriate methods of navigation, food and fluid and a headtorch. It is worth adding goggles and microspikes to your kit to increase your 'enjoyment' and more importantly safety. Temperature: minus 0.7 C, Maximum wind speed 11.2 mph, Wind chill: minus 6.9 C, Average wind speed: 5.8 mph

Issued at: 03:09 on Wed 27 Dec 2023

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